APPLICANT(S):

Steiner et al.,

SERIAL NO.: FILED:

09/449,817

Page 6

November 29, 1999

## AMENDMENTS TO THE CLAIMS

Please amend the claims to read as follows:

(Currently amended) An isolated nucleic acid molecule encodes encoding [for] a
human p-Hyde protein, comprising the nucleic acid sequence set forth in SEQ ID No.
 1.

2-6 (Cancelled)

- 7. (Amended) The isolated nucleic acid molecule of claim 1, wherein the nucleic acid is DNA [[, or RNA]].
- 8-9 (Cancelled)
- 10. (Previously amended) The isolated nucleic acid molecule of claim 1, wherein the nucleic acid is labeled with a detectable marker
- 11. (Previously amended) The isolated nucleic acid molecule of claim 10, wherein the detectable marker is a radioactive, colorimetric, luminescent, fluorescent marker, or gold label.
- 12-17 (cancelled)
- 18. (Previously amended) A vector comprising the isolated nucleic acid molecule of claim 1.
- 19. (Currently amended) The vector of claim 18, further comprising [[an]] a regulatory element operatively linked to the nucleic acid molecule.
- 20. (Previously amended) The vector of claim 19, wherein the regulatory element comprises a bacterial, yeast, insect or mammalian promoter.
- 21. (Previously amended) The vector of claim 20, wherein the vector is a plasmid, cosmid, yeast artificial chromosome (YAC), bacterial artificial chromosome (BAC), adenovirus, adeno-associated virus, retovirus, P1, bacteriophage or eukaryotic viral DNA

APPLICANT(S): SERIAL NO.:

Steiner et al.,

FILED:

09/449,817 November 29, 1999

Page 7

- 22. (Currently amended) The adenovirus vector of claim 21, wherein the adenovirus said vector is a replication-deficient adenovirus type 5 expression vector.
- 23. (Previously amended) The adenovirus vector of claim 22, wherein the adenovirus vector comprises an adenovirus genome wherein the p-Hyde gene is inserted within a deletion in the E1 and E3 region of the genome.
- 24. (Previously amended) The vector of claim 19, wherein the regulatory element is a Rous Sarcoma virus promoter.
- 25. (Currently amended) A <u>cell</u> host vector system for the production of a polypeptide which comprises comprising the vector of claim 18 in a suitable host
- 26. (Currently amended) The host vector system cell of claim 25, wherein said cell [[the]] suitable host is a prokaryotic prokaryote or eukaryotic cell.
- 27 (Currently amended) The host vector system <u>cell</u> of claim [[26]] <u>25</u>, wherein <u>said</u> the eukaryotic cell is a yeast, insect, plant or mammalian cell.

## 28-54 (cancelled)

- 55. (Currently amended) [[The]] An isolated nucleic acid molecule encoding a human p-Hyde protein, of claim 1 having comprising a nucleic acid sequence which shares at least 85% identity with complementary to the nucleic acid sequence of SEQ ID NO: 1
- 56. (Currently amended). [[The]] An isolated nucleic acid molecule encoding a human p-Hyde protein, of claim 1 having comprising a nucleic acid sequence which shares at least 95% identity with complementary to the nucleic acid sequence of SEQ ID NO: 1.

## 57-58 (cancelled)

- 59. (Previously amended) The isolated nucleic acid molecule of claim 7, wherein said DNA is cDNA or genomic DNA.
- 60. (Currently amended) [[The]] An isolated nucleic acid molecule of claim-1, encoding an amino acid sequence-having comprising the sequence as set for the in SEQ ID NO. 2

## 61-63 (cancelled).